

**RUSH HOLT**  
Twelfth District, New Jersey

1214 Longworth Building  
Washington, D.C. 20515  
202-225-5801  
Fax 202-225-6025

50 Washington Road  
West Windsor, NJ 08550  
609-750-9365  
Fax 609-750-0618

<http://holt.house.gov>



## Congress of the United States

September 23, 2010

Chair  
Select Intelligence Oversight Panel  
Committee on Appropriations

Committee on Education  
and Labor

Permanent Select Committee  
on Intelligence

Committee on Natural Resources

Administrator Lisa Jackson  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Administrator Jackson,

I am writing on behalf of my constituent Chris Daul who would like to request a meeting with you or your designee for Glass Recycling Technologies, Inc.

Glass Recycling Technologies, Inc. would appreciate the opportunity to discuss with you their concerns about the environmental and health impacts of reusing boiler slag as a blasting abrasive and their company's technology for a non-toxic alternative to this product. I have attached a letter from Grass Recycling Technologies, Inc. requesting a meeting with you.

I appreciate your consideration of this request. To set up a meeting please contact:

Christopher L. Daul  
Vice President  
Alman Group, LLC  
53 Cardinal Drive  
Westfield, NJ 07090  
908-232-0220 (P)  
908-654-8741 (F)  
[cdaul@almangroup.com](mailto:cdaul@almangroup.com)

Sincerely,

RUSH HOLT  
Member of Congress



September 14, 2010

Director Lisa Jackson  
US Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460

**Subject: Request for Meeting**

Director Jackson,

I would welcome the opportunity to meet with you to discuss long-term beneficial uses of boiler slag. Specifically, I have major concerns with boiler slag or "coal slag" currently being approved by the Environmental Protection Agency as a blasting abrasive.

I fully understand and support the EPA's decision to allow beneficial use of boiler slag when, and only when, the encapsulated grains are kept whole throughout their useful life-cycle. Using boiler slag as roofing granules, for example, provides a long-term, useful and safe alternative to land filling. In this case, all hazardous materials within the boiler slag are contained within the original sand-size particles and cannot harm the surrounding people or environment.

Unfortunately, when used as a blasting abrasive the encapsulation is broken into hundreds of smaller particles that then come into contact with human tissue and the environment. The danger of this can be shown by examining the life-cycle of a single granule of boiler slag that is used as a blasting abrasive:

1. The molten granule containing heavy metals and other contaminants falls into a quenching pool at the coal-burning plant. It is collected, processed and sized-sorted.
2. The granule is shipped to an industrial blasting location (perhaps a shipyard, or bridge that needs refurbishment)
3. The granule is loaded into a blasting pot and forced through a hose at 100+ PSI until it smashes into the ship or bridge and shatters into hundreds of pieces, some as small as one-thousandth of a millimeter.
4. The formerly single granule now exists as hundreds of miniscule granules that are now light enough to float free in the air. The total

493 State Route 28, Richfield Springs, NY 13439  
315-858-0055 Phone  
315-858-2669 Fax



- exposed surface area of that single granule has now increased exponentially.
5. The granules and their newly exposed surfaces are now free and willing to contaminate the ocean near the shipyard, river below the bridge, or lungs of the sandblaster.

Considering the fact that blasting abrasives represents a small percentage of the overall beneficial use for coal slag, I believe that the environmental and health risks associated with its use greatly outweigh the benefits.

Our company, Glass Recycling Technologies, Inc is a manufacturer and marketer industrial products made from 100% post-consumer recycled glass. We utilize mixed color waste glass that is typically sent to landfills as it has very little economic value since it can't be sold as color sorted cullet.

The primary application for our products is as a blasting abrasive sold under our SunBlast brand. It is a non-toxic and inert abrasive product that performs very well in surface preparation applications. The worker safety and environmental benefits of using crushed glass has been recognized by federal agencies like OSHA, NIOSH and the EPA.

Along with other small businesses such as Novetas Solutions LLC, Andela Products Ltd, and Innovative Green Solutions LLC we represent a growing industry dedicated to finding unique markets and applications for recycled glass in the US. Our industry is ready to fill the void when coal slag abrasives are finally de-listed from the new Beneficial Use Program.

We would welcome an opportunity to meet with you to demonstrate the dangers of the EPA decision to allow coal slag to be used as a blasting abrasive, as well as the benefits of encouraging the development of new and productive applications for recycled glass.

Regards,

A handwritten signature in black ink, appearing to read 'Michael Martin'.

Michael Martin  
Chief Executive Officer  
Glass Recycling Technologies, Inc

Cc: George Albanese

493 State Route 28, Richfield Springs, NY 13439  
315-858-0055 Phone  
315-858-2669 Fax